

## Assoc. Prof. SEVDA KUŞKAYA

### Personal Information

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### International Researcher IDs

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ScopusID: 57192940551

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### Biography

Dr. Sevda Kuşkaya received her Ph.D. from Erciyes University, Department of Economics. The title of her Ph.D. dissertation: The effectiveness of following energy policies in the control of global warming: An approach continuous wavelet coherence model. The dissertation was funded by Erciyes University Research Fund Center; ERU-BAP (BAP Project No: SDK-2017-7332, ID: 7332, start-end: 21.04.2017 - 9.03.2018).

Her dissertation was awarded the 'Best Dissertation' in 2018 in the field of energy and environment by Çevre Vakfı (Environment Foundation) in Turkey (<http://cevrevakfi.org.tr/cevre-vakfidan-cevre-alaninda-en-basarili-doktora-tezlerine-odul/>).

Her research interests are climate change, GHG, solar energy and environment, waste usage, environment, energy economics and policy, wavelet coherence analyses, partial wavelet coherence analyses, time series, and panel econometric analyses.

Dr. Kuşkaya is the author or co-author of 59 articles published in Elsevier, Springer, Wiley, SAGE, Frontiers, Emerald, and other Journals such as Renewable and Sustainable Energy Reviews, The Journal of Cleaner Production, Renewable Energy, Energy, Resources Policy, Environmental Science and Pollution Research, Scientific Reports, OPEC Energy Review, etc.,

Dr. Kuşkaya serves as a Guest Associate Editor for Frontiers, Environmental Economics and Management (Frontiers in Environmental Science) since August 2021. She has memberships in several research groups of Applied Energy, Quantitative Analysts, Environmental Economics, Matlab Users and Integrators, Quantitative Analytics, Mathworks, Econometric Research Association, and Structural Equation Modelling (SEM).

Dr. Kuşkaya reviewed more than 50 manuscripts from Elsevier, Springer, SAGE, Frontiers journals, and other journals. She has been searching actively in the fields of economics-energy-environment-climate change and energy policy.

### Education Information

Doctorate, Erciyes University, Sosyal Bilimler Enstitüsü, --, Turkey 2012 - 2018

## Certificates, Courses and Trainings

Other, Kurum İçi Birim Dış Değerlendirme Eğitimi, Erciyes Üniversitesi, 2019

Other, Elsevier Bilimsel Yayın 5N1K Calistayi, Researcher Academy, 2019

## Dissertations

Doctorate, Küresel Isınmanın Kontrol Altına Alınmasında Takip Edilen Enerji Politikalarının Etkinliği : Bir Sürekli Dalgacık Uyumu Modeli Yaklaşımı, Erciyes University, İktisadi ve İdari Bilimler Fak., İktisat, 2018

## Research Areas

Social Sciences and Humanities, Economics, Econometrics, Climate, Environmental Sciences, Environmental Policies, Ecology and Pollution

## Academic Titles / Tasks

Associate Professor, Erciyes University, Adalet Meslek Yüksekokulu, Hukuk, 2023 - Continues

Assistant Professor, Erciyes University, Adalet Meslek Yüksekokulu, Hukuk, 2021 - 2023

Lecturer PhD, Erciyes University, Adalet Meslek Yüksekokulu, Hukuk, 2019 - 2021

## Academic and Administrative Experience

Head of Department, Erciyes University, Adalet Meslek Yüksekokulu, Hukuk, 2020 - Continues

Erciyes University, 2020 - Continues

Birim Kalite Komisyonu Başkanı, Erciyes University, Adalet Meslek Yüksekokulu, Hukuk, 2019 - Continues

Mevlana Exchange Program Coordinator, Erciyes University, Adalet Meslek Yüksekokulu, Hukuk, 2019 - Continues

Erciyes University, 2019 - Continues

Erciyes University, 2019 - Continues

Erciyes University, 2019 - Continues

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Evaluating the Transition to the East African Monetary Union through Monetary Transmission Mechanisms**  
Bilgili F., Majok Garang A. P., Kassouri Y., Kuşkaya S.  
Financial Innovation, vol.0, no.0, pp.1-20, 2025 (SSCI)
- II. **Spatial spillover effects of gender inequality on the path to energy transition and environmental sustainability in Asia**  
Kuşkaya S., Muğaloğlu E., Awan A., Khan K., Alnour M., Magazzino C., Enamul Hoque M., Bilgili F.  
UTILITIES POLICY, vol.95, pp.101935, 2025 (SCI-Expanded)
- III. **How facilitating is defense and health expenditures in achieving low carbon dioxide emissions: an application of quantile regression**  
BİLGİLİ F., Magazzino C., ÇOBANOĞULLARI G., Awan A., Khan K., KUŞKAYA S., CİNGÖZ A.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.22, no.4, pp.2431-2446, 2025 (SCI-Expanded)
- IV. **The nexus between the financial development and CO2 emissions: Fresh evidence through time-frequency analyses**  
Bilgili F., Muğaloğlu E., Kuşkaya S., Cifuentes-Faura J., Khan K., Alnour .

Financial Innovation, vol.11, no.58, pp.1-22, 2025 (SSCI)

- V. **Renewable Energy and Technology Adoption: Mitigating CO2 Emissions through Implementation Strategies**  
Bilgili F., Önderol S., Kuşkaya S., Alnour M., Hoque M. E., Balsalobre-Lorente D.  
NATURAL RESOURCES FORUM, vol.48, no.2, pp.1-58, 2024 (SCI-Expanded)
- VI. **The dynamic nexus of oil price fluctuations and banking sector in China: A continuous wavelet analysis**  
Bilgili F., Kassouri Y., Kuşkaya S., Majok Garang A. P.  
RESOURCES POLICY, vol.88, pp.1-40, 2024 (SSCI)
- VII. **Dynamic regime differences in the market behavior of primary natural resources in response to geopolitical risk and economic policy uncertainty**  
MUĞALOĞLU E., KUŞKAYA S., Aldieri L., Alnour M., Hoque M. E., Magazzino C., BİLGİLİ F.  
Resources Policy, vol.87, 2023 (SSCI)
- VIII. **The Impact of Natural Disaster Shocks on Business Confidence Level and Istanbul Stock Exchange: A Wavelet Coherence Approach**  
Toğuç N., Kuşkaya S., Magazzino C., Bilgili F.  
GEOLOGICAL JOURNAL, vol.58, no.12, pp.4610-4624, 2023 (SCI-Expanded)
- IX. **Are research and development on energy efficiency and energy sources effective in the level of CO2 emissions? Fresh evidence from EU data**  
Bilgili F., Balsalobre-Lorente D., Kuşkaya S., Alnour M., Önderol S., Enamul Hoque M.  
ENVIRONMENT, DEVELOPMENT AND SUSTAINABILITY A MULTIDISCIPLINARY APPROACH TO THE THEORY AND PRACTICE OF SUSTAINABLE DEVELOPMENT, vol.25, pp.1-37, 2023 (SCI-Expanded)
- X. **The trilemma among CO2 emissions, energy use, and economic growth in Russia**  
Magazzino C., Mele M., Drago ., Kuşkaya S., Pozzi C., Monarca U.  
SCIENTIFIC REPORTS, vol.13, pp.1-18, 2023 (SCI-Expanded)
- XI. **The role of solar energy usage in environmental sustainability: Fresh evidence through time-frequency analyses**  
KUŞKAYA S., BİLGİLİ F., MUĞALOĞLU E., Khan K., Hoque M. E., TOĞUÇ N.  
Renewable Energy, vol.206, pp.858-871, 2023 (SCI-Expanded)
- XII. **Dynamics and co-movements between the COVID-19 outbreak and the stock market in Latin American countries: An evaluation based on the wavelet-partial wavelet coherence model**  
Bilgili F., Koçak E., Kuşkaya S.  
EVALUATION REVIEW, vol.47, no.4, pp.630-652, 2023 (SSCI)
- XIII. **Co-movements and causalities between ethanol production and corn prices in the USA: New evidence from wavelet transform analysis**  
BİLGİLİ F., KOÇAK E., KUŞKAYA S., Bulut U.  
ENERGY, vol.259, 2022 (SCI-Expanded)
- XIV. **Is ethanol production responsible for the increase in corn prices?**  
KOÇAK E., BİLGİLİ F., Bulut U., KUŞKAYA S.  
RENEWABLE ENERGY, vol.199, pp.689-696, 2022 (SCI-Expanded)
- XV. **Wind and Solar Energy Sources: Policy, Economics, and Impacts on Environmental Quality**  
Kuşkaya S., Aldieri L., Deep Sharma G., Balsalobre-Lorente D.  
FRONTIERS IN ENVIRONMENTAL SCIENCE, vol.0, no.0, pp.1-3, 2022 (SCI-Expanded)
- XVI. **Export quality, economic growth, and renewable-nonrenewable energy use: non-linear evidence through regime shifts**  
BİLGİLİ F., KUŞKAYA S., ÜNLÜ F., Gencoglu P.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.29, no.24, pp.36189-36207, 2022 (SCI-Expanded)
- XVII. **Residential solar energy consumption and greenhouse gas nexus: Evidence from Morlet wavelet transforms**  
Kuşkaya S.  
RENEWABLE ENERGY, vol.192, pp.793-804, 2022 (SCI-Expanded)

- XVIII. **Modeling the exchange rate pass-through in Turkey with uncertainty and geopolitical risk: A Markov regime-switching approach**  
Bilgili F., Ünlü F., Gençoğlu P., Kuşkaya S.  
APPLIED ECONOMIC ANALYSIS, vol.30, no.88, pp.52-70, 2022 (SSCI)
- XIX. **The nexus between access to electricity and CO<sub>2</sub> damage in Asian Countries: The evidence from quantile regression models**  
BİLGİLİ F., Ozturk I., KOÇAK E., KUŞKAYA S., CİNGÖZ A.  
ENERGY AND BUILDINGS, vol.256, 2022 (SCI-Expanded)
- XX. **A wavelet-based model of world oil shocks interaction with CO<sub>2</sub> emissions in the US**  
Kassouri Y., Bilgili F., Kuşkaya S.  
Environmental Science & Policy, vol.127, pp.280-292, 2022 (SCI-Expanded)
- XXI. **The co-movements between geothermal energy usage and CO<sub>2</sub> emissions through high and low frequency- cycles**  
Bilgili F., Kuşkaya S., Gençoğlu P., Kassouri Y., Majok Garang A. P.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, pp.63723-63738, 2021 (SCI-Expanded)
- XXII. **The Determinants of Demand for Tourism in Turkey: Does Terror Matter? A Markov Regime Switching-VAR Approach**  
Bilgili F., Çoban S., Marangoz C., Bulut E., Kuşkaya S.  
Acta Oeconomica, vol.71, no.4, pp.587-607, 2021 (SSCI)
- XXIII. **Is gold favourable than bitcoin during the COVID-19 outbreak? Comparative analysis through wavelet approach**  
Shehzad K., BİLGİLİ F., Zaman U., KOÇAK E., KUŞKAYA S.  
RESOURCES POLICY, vol.73, 2021 (SSCI)
- XXIV. **Environmental Pollution and Energy Research and Development: An Environmental Kuznets Curve Model through Quantile Simulation Approach**  
Bilgili F., Nathaniel S. P., Kuşkaya S., Kassouri Y.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, pp.53712-53727, 2021 (SCI-Expanded)
- XXV. **The roles of economic growth and health expenditure on CO<sub>2</sub> emissions in selected Asian countries: A quantile regression model approach**  
Bilgili F., Kuşkaya S., Khan M., Awan A., Türker O.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, pp.44949-44972, 2021 (SCI-Expanded)
- XXVI. **The role of hydropower energy in the level of CO<sub>2</sub> emissions: An application of continuous wavelet transform**  
Bilgili F., Balsalobre Lorente D., Kuşkaya S., Ünlü F., Gençoğlu P., Rosha P.  
RENEWABLE ENERGY, vol.178, pp.283-294, 2021 (SCI-Expanded)
- XXVII. **The Age Structure, Stringency Policy, Income, and Spread of Coronavirus Disease 2019: Evidence From 209 Countries**  
BİLGİLİ F., DÜNDAR M., KUŞKAYA S., Lorente D. B., Unlu F., Gencoglu P., MUĞALOĞLU E.  
FRONTIERS IN PSYCHOLOGY, vol.11, 2021 (SSCI)
- XXVIII. **Estimation of the co-movements between biofuel production and food prices: A wavelet-based analysis**  
BİLGİLİ F., KOÇAK E., KUŞKAYA S., Bulut U.  
ENERGY, vol.213, 2020 (SCI-Expanded)
- XXIX. **The wind energy-greenhouse gas nexus: The wavelet-partial wavelet coherence model approach**  
Kuşkaya S., Bilgili F.  
Journal Of Cleaner Production, vol.245, no.3, pp.1-14, 2020 (SCI-Expanded)
- XXX. **Does waste energy usage mitigate the CO<sub>2</sub> emissions? A time-frequency domain analysis**  
Bilgili F., Kuşkaya S., Ünlü F., Gençoğlu P.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.27, no.5, pp.5056-5073, 2020 (SCI-Expanded)
- XXXI. **A revisited renewable consumption-growth nexus: A continuous wavelet approach through disaggregated data**

Bilgili F., Kuşkaya S., Toguc N., Muğaloğlu E., Koçak E., Bulut U., Bağlıtaş H. H.  
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.107, pp.1-19, 2019 (SCI-Expanded)

- XXXII. **Can biomass energy be an efficient policy tool for sustainable development?**  
BİLGİLİ F., Kocak E., Bulut U., KUSKAYA S.  
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.71, pp.830-845, 2017 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Exchange Rate Pass-Through at High and Low Frequencies in Turkey: A Continuous Wavelet Transform Model Approach**  
Bilgili F., Kuşkaya S., Gençoğlu P., Ünlü F., Magazzino C.  
Journal of Economic Structures, vol.13, no.21, pp.1-23, 2024 (Scopus)
- II. **The mutual effects of residential energy demand and climate change in the United States: A Wavelet analysis**  
Bilgili F., Kuşkaya S., Magazzino C., Khan K., Enamul Hoque M., Alhour M., Önderol S.  
ENVIRONMENTAL AND SUSTAINABILITY INDICATORS, vol.0, no.0, pp.100384, 2024 (ESCI)
- III. **Yenilenebilir Enerji ve Ekonomik Büyüme İlişkisinin Kantil Regresyon ile Modellenmesi: ABD Örneği**  
Kuşkaya S.  
İstanbul Gelişim Üniversitesi Sosyal Bilimler Dergisi, vol.10, no.1, pp.234-245, 2023 (Peer-Reviewed Journal)
- IV. **Analysis of the synchronisation of energy consumption: Evidence from G7 countries**  
Kassouri Y., Bilgili F., Kuşkaya S., Alola A.  
OPEC Energy Review, vol.47, no.1, pp.1-14, 2023 (ESCI)
- V. **Wavelet Coherence Analysis of The Exchange Rate Movements**  
Kuşkaya S., Toğuç N., Bilgili F.  
QUALITY & QUANTITY, vol.56, pp.4675-4692, 2022 (Scopus)
- VI. **Yüksek ve Düşük Frekans Bantlarında Ekonomik Büyüme ve Karbondioksit Emisyonu İlişkisi: Türkiye Örneği**  
Kuşkaya S.  
Finans Politik ve Ekonomik Yorumlar Dergisi, no.658, pp.37-52, 2021 (Peer-Reviewed Journal)
- VII. **The Analysis of the Relationship between Exchange Rate and Producer Price Index with Continuous Wavelet Coherence Model: Empirical Findings on Turkey**  
Kuşkaya S., Ünlü F., Gençoğlu P.  
İzmir iktisat dergisi, vol.36, no.2, pp.365-378, 2021 (Peer-Reviewed Journal)
- VIII. **An Empiric Analysis on the Countries That Finances Health Services with Taxes**  
Gençoğlu P., Kuşkaya S., Toğuç N.  
OPUS Uluslararası Toplum Araştırmaları Dergisi, vol.18, pp.1596-1613, 2021 (Peer-Reviewed Journal)
- IX. **Evaluation of Sustainability of Health Expenditures in The Selected OECD Countries with Panel Unit Root Tests**  
Gençoğlu P., Kuşkaya S., Büyüknalbant T.  
Ankara Üniversitesi Siyasal Bilgiler Fakültesi Dergisi, vol.75, pp.1283-1297, 2020 (Peer-Reviewed Journal)
- X. **INVESTIGATION OF THE EFFECT OF HYDROELECTRIC ENERGY CONSUMPTION ON THE ENVIRONMENT BY USING A CONTINUOUS WAVELET COHERENCE MODEL: CASE OF USA**  
Kuşkaya S., Bilgili F.  
Erciyes Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, no.55, pp.263-284, 2020 (Peer-Reviewed Journal)
- XI. **Investigation of the Effect of Renewable Energy Resources on the Environment Pollution: Continuous Wavelet Coherence Model Approach**  
Kuşkaya S., Bilgili F.  
Anadolu Üniversitesi Sosyal Bilimler Dergisi, vol.19, no.4, pp.39-60, 2019 (Peer-Reviewed Journal)
- XII. **Türkiye' de Sağlıkın Eğitim Üzerindeki Etkileri: ARDL Sınır Testi Yöntemi ile Bir Değerlendirilme**  
Gençoğlu P., Kuşkaya S.

İşletme ve İktisat Çalışmaları Dergisi, vol.5, no.4, pp.1-11, 2017 (Peer-Reviewed Journal)

- XIII. **OECD Ülkelerinin 1995-2015 Yılları İtibariyle Sera Gazı Salınımları Açısından Karşılaştırılması: İstatistiksel Bir Analiz**  
Kuşkaya S., Gençoğlu P.  
International Journal of Disciplines Economics & Administrative Sciences Studies , vol.3, no.3, pp.177-188, 2017 (Peer-Reviewed Journal)
- XIV. **Yenilenebilir Enerji Tüketimi: Seçilmiş Avrupa Ülkelerinin Çok Boyutlu Ölçekleme Analizi İle Karşılaştırılması**  
Kuşkaya S., Gençoğlu P.  
Akademik Sosyal Araştırmalar Dergisi, no.44, pp.552-566, 2017 (Peer-Reviewed Journal)
- XV. **Sosyal Pazarlama Aracı Olarak Kamu Spotlarının Birey Davranışları Üzerindeki Etkileri: Parametrik Olmayan İstatistiksel Bir Analiz**  
Gençoğlu P., Bağlıtaş H. H., Kuşkaya S.  
Uluslararası Sosyal Araştırmalar Dergisi , vol.10, no.48, pp.622-629, 2017 (Peer-Reviewed Journal)
- XVI. **Küresel Cinsiyet Uçurumu (Global Gender Gap) Açısından Avrupa ve Orta Asya Ülkelerinin Değerlendirilmesi: İstatistiksel Bir Analiz**  
Gençoğlu P., Kuşkaya S.  
Uluslararası Sosyal Araştırmalar Dergisi, vol.9, no.46, pp.696-705, 2016 (Peer-Reviewed Journal)

## Books

- I. **Doğrudan Yabancı Yatırımlar Ve CO2 Emisyonu İlişkinin Frekans Analizi İle Modellenmesi: Türkiye Üzerine Ampirik Bulgular**  
Kuşkaya S.  
in: Ampirik Yöntemlerle İktisadi ve Finansal Çözümler, Şahin KARABULUT, Editor, Gazi Kitabevi, Ankara, pp.31-43, 2022
- II. **The electricity retail sales and economic policy uncertainty: The evidence from electricity end-use, industrial sector, and transportation sector**  
Bilgili F., Gençoğlu P., Kuşkaya S., Ünlü F.  
in: Energy-Growth Nexus in an Era of Globalization, Muhammad Shahbaz, Aviral Tiwari, Avik Sinha, Editor, Elsevier Science, Oxford/Amsterdam , Amsterdam, pp.203-231, 2022
- III. **Financial Liberalization, Capital Movements, and Economic Growth in Asia: A Panel Structural VAR Approach**  
Bilgili F., Doğan İ., Koçak E., Kuşkaya S.  
in: Economic Growth and Financial Development, Muhammad Shahbaz, Alaa Soliman, Subhan Ullah, Editor, Springer, London/Berlin , Zug, pp.135-153, 2021
- IV. **Atık Enerji Tüketimi ile Sanayi Üretimi İlişkisi: Dalgacık Uyumu Modeli**  
Kuşkaya S., Bilgili F.  
in: Döngüsel Ekonomi Makro ve Mikro İncelemeler, Doç. Dr. Ferhan Sayın, Editor, Nobel Yayın Dağıtım, Ankara, pp.209-229, 2020
- V. **Yenilenebilir Enerji Tüketimi İle Ekonomik Büyüme Arasındaki İlişki: ABD Örneği**  
Gençoğlu P., Kuşkaya S.  
İKSAD Yayınevi, Ankara, 2019
- VI. **Most Up-to-Date Methodologic Approaches: Evidence from the Wavelet Coherence Approach**  
Bilgili F., Muğaloğlu E., Kuşkaya S., Bağlıtaş H. H., Gençoğlu P.  
in: Environmental Kuznets Curve (EKC), Burcu Özcan, İlhan Öztürk, Editor, Academic Press , Amsterdam, pp.115-139, 2019

## Papers Published in Refereed Scientific Meetings

- I. **Türkiye Perspektifinden Ekolojik Ayak İzinin Küreselleşme Bağlamında Değerlendirilmesi**  
Kuşkaya S., Korkmaz O., Gençoğlu P.  
Ege Zirvesi 10. Uluslararası Sosyal Bilimler Kongresi, İzmir, Turkey, 22 - 24 December 2023, pp.1-2
- II. **Küreselleşme Bağlamında Enerji Ve Ekonomik Büyüme İlişkisi: Türkiye Örneği**  
Kuşkaya S.  
14. Uluslararası Çin'den Adriyatik'e Sosyal Bilimler Kongresi, Kayseri, Turkey, 10 - 12 June 2022, pp.1-15
- III. **Fonksiyonel Kamu Harcamaları Açısından G-20 Ülkelerinin Değerlendirilmesi: Çok Boyutlu Ölçekleme Analizi**  
Korkmaz O., Kuşkaya S., Gençoğlu P.  
Cumhuriyet 6. Uluslararası Sosyal Bilimler Kongresi, Ankara, Turkey, 23 April 2022, pp.1-10
- IV. **Doğrudan Yabancı Yatırımlar ve CO2 Emisyonu İlişkisinin Frekans Analizi ile Modellenmesi: Türkiye Üzerine Ampirik Bulgular**  
Kuşkaya S.  
3. Uluslararası 29 Ekim Bilimsel Araştırmalar Sempozyumu, Ankara, Turkey, 29 - 30 October 2021, pp.16
- V. **On how export quality alters the economic growth and energy use: non-linear evidence through regime shifts**  
Bilgili F., Kuşkaya S., Ünlü F., Gençoğlu P.  
International Conference on Economics, Energy and Environment, Nevşehir, Turkey, 1 - 03 July 2021, pp.50-51
- VI. **Cinsiyet Eşitsizliği ve Ekonomik Gelişme: E-7 Ülkeleri Üzerine Bir Değerlendirme**  
Gençoğlu P., Kuşkaya S., Ünlü F.  
18. Uluslararası Türk Dünyası Sosyal Bilimler Kongresi, 12 - 14 December 2020, pp.261-267
- VII. **Yeşil Büyüme Göstergeleri Kapsamında OECD Ülkelerinin Çok Boyutlu Ölçekleme Analizi ile Değerlendirilmesi**  
Kuşkaya S., Ünlü F., Gençoğlu P.  
4th International Congress on Economics, Finance & Energy (EFE'2020), 14 - 15 October 2020, pp.368-388
- VIII. **The co-movements between geothermal energy usage and CO2 emissions through high and low frequency- cycles**  
Bilgili F., Kuşkaya S., Gençoğlu P., Kassouri Y., Majok Garang A. P.  
International Conference on Economics, Energy, and Environment, Nevşehir, Turkey, 25 - 27 June 2020, pp.1-35
- IX. **Kayseri İlçelerinin Eğitim Düzeylerinin 1997-2016 Yılları İtibariyle Gelişiminin Değerlendirilmesi**  
Kuşkaya S.  
I. Pınarbaşı (Aziziye) Sempozyumu, Kayseri, Turkey, 10 - 12 May 2018, pp.383-398
- X. **Çok Boyutlu Ölçekleme Analiz Yöntemi İle Nüfus, Sağlık Ve Eğitim Göstergeleri Açısından Kayseri İlçelerinin Değerlendirilmesi**  
Kuşkaya S.  
I. Uluslararası Develi-Âşık Seyrani ve Türk Kültürü Kongresi, Kayseri, Turkey, 4 - 06 October 2018, pp.116-125
- XI. **OECD Ülkelerinin Yılları İtibariyle Sera Gazı Salınımları Açısından Karşılaştırılması: İstatistiksel Bir Analiz**  
Gençoğlu P., Kuşkaya S.  
I. Uluslararası İpekyolu Akademik Çalışmalar Sempozyumu, Nevşehir, Turkey, 21 - 23 October 2017, pp.572

## Other Publications

- I. **Forecasting Electricity Price Index with Machine Learning Models and Strategies**  
Kuşkaya S., Bilgili F.  
Other, pp.1-20, 2025
- II. **The Impact of Biomass, Geothermal and Hydroelectric Energy Consumption on Industrial Production: A Threshold Cointegration Model with Regime Shifts**

Bilgili F., Doğan İ., Tülüce N. S., Kuşkaya S.  
Other, pp.1-18, 2014

## Supported Projects

Bilgili F., Kuşkaya S., Project Supported by Higher Education Institutions, Küresel Isınmanın Kontrol Altına Alınmasında Takip Edilen Enerji Politikalarının Etkinliği: Bir Sürekli Dalgacık Uyumu Modeli Yaklaşımı, 2017 - 2018

## Activities in Scientific Journals

JOURNAL OF INNOVATION & KNOWLEDGE, Committee Member, 2025 - Continues  
Frontiers in Sustainable Cities, Committee Member, 2022 - Continues  
International Journal of Social and Educational Sciences, Committee Member, 2022 - Continues  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Editor, 2021 - Continues  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Committee Member, 2021 - Continues  
Research in Ecology, Committee Member, 2019 - Continues

## Memberships / Tasks in Scientific Organizations

Quantitative Analysts, Member, 2018 - Continues  
Linked:Energy (Energy industry expertise), Member, 2018 - Continues  
Applied Energy, Elsevier Journal, Member, 2018 - Continues  
Elsevier Energy Journals, Member, 2018 - Continues  
Matlab Users and Integrators, Member, 2018 - Continues  
Quantitative Analytics, Member, 2018 - Continues  
Mathworks, Member, 2018 - Continues  
Environmental Economics, Member, 2018 - Continues  
Econometric Research Association, Member, 2018 - Continues  
Structural Equation Modelling (SEM), Member, 2017 - Continues

## Peer Reviews in Scientific Publications

HELIYON, Journal Indexed in SCI-E, February 2024  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, Journal Indexed in SCI-E, January 2024  
APPLIED ENERGY, Journal Indexed in SCI-E, January 2024  
RENEWABLE AND SUSTAINABLE ENERGY REVIEWS, Journal Indexed in SCI-E, January 2024  
RENEWABLE AND SUSTAINABLE ENERGY REVIEWS, Journal Indexed in SCI-E, December 2023  
APPLIED ENERGY, Journal Indexed in SCI-E, October 2023  
RENEWABLE ENERGY, Journal Indexed in SCI-E, October 2023  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, July 2023  
ENERGY STRATEGY REVIEWS, Journal Indexed in SCI-E, July 2023  
TOURISM REVIEW, Journal Indexed in SSCI, May 2023  
ANNALS OF NUCLEAR ENERGY, Journal Indexed in SCI-E, December 2022  
Cleaner Environmental Systems, Journal Indexed in ESCI, November 2022  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, October 2022  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, August 2022  
RENEWABLE ENERGY, Journal Indexed in SCI-E, August 2022  
ENERGY STRATEGY REVIEWS, SCI Journal, August 2022

RENEWABLE ENERGY, Journal Indexed in SCI-E, May 2022  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, May 2022  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, April 2022  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, April 2022  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, SCI Journal, April 2022  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, March 2022  
FRONTIERS IN ENERGY, Journal Indexed in SSCI, March 2022  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, February 2022  
ENERGY EFFICIENCY, Journal Indexed in SSCI, February 2022  
FINANCIAL INNOVATION, Journal Indexed in SSCI, February 2022  
Sosyoekonomi, Journal Indexed in ESCI, January 2022  
Resources Policy, Journal Indexed in SSCI, December 2021  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, December 2021  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, November 2021  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, November 2021  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, October 2021  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, September 2021  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, September 2021  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, August 2021  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, July 2021  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, July 2021  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, SCI Journal, July 2021  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, June 2021  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, April 2021  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, April 2021  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, March 2021  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, SCI Journal, March 2021  
Uluslararası Batı Karadeniz Mühendislik ve Fen Bilimleri Dergisi, Other Indexed Journal, March 2021  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, February 2021  
FRONTIERS IN ENVIRONMENTAL SCIENCE, Journal Indexed in SCI-E, February 2021  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, SCI Journal, November 2020  
ERCİYES ÜNİV. İKTİSADİ VE İDARİ BİLİMLER DERGİSİ, National Scientific Refreed Journal, November 2020  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, SCI Journal, April 2020  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, SCI Journal, February 2020  
Journal of Accounting and Taxation , Other Indexed Journal, December 2018  
African Journal of Business Management , Other Indexed Journal, November 2018  
African Journal of Environmental Science and Technology , Other Indexed Journal, November 2018  
Journal of Hospitality Management and Tourism , Other Indexed Journal, August 2018  
International Journal of Sociology and Anthropology , Other Indexed Journal, April 2018  
African Journal of Agricultural Research , Other Indexed Journal, April 2018  
Journal of Economics and International Finance , Other Indexed Journal, February 2018  
Journal of Soil Science and Environmental Management , Other Indexed Journal, January 2018  
International Letters of Social and Humanistic Sciences , Other Indexed Journal, July 2017

## **Tasks In Event Organizations**

Kuşkaya S., 10. Uluslararası Meslek Yüksekokulları Sempozyumu, Scientific Congress, Eskişehir, Turkey, Ekim 2022  
Kuşkaya S., 2nd International Conference on Social Science, Humanities and Education, Scientific Congress, İstanbul, Turkey, Ekim 2022

## Metrics

Publication: 67

Citation (WoS): 959

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H-Index (WoS): 17

H-Index (Scopus): 17

## Congress and Symposium Activities

3. Uluslararası 29 Ekim Bilimsel Araştırmalar Sempozyumu, Attendee, Ankara, Turkey, 2021

International Conference on Economics, Energy and Environment, Attendee, Nevşehir, Turkey, 2021

18. Uluslararası Türk Dünyası Sosyal Bilimler Kongresi, Attendee, Sakarya, Turkey, 2020

International Conference on Economics, Energy, and Environment, Attendee, Nevşehir, Turkey, 2020

I. Uluslararası Develi-Âşık Seyrani ve Türk Kültürü Kongresi, Attendee, Kayseri, Turkey, 2018

I. Pınarbaşı (Aziziye) Sempozyumu, Attendee, Kayseri, Turkey, 2018

I. Uluslararası İpekyolu Akademik Çalışmalar Sempozyumu, Attendee, Nevşehir, Turkey, 2017

## Awards

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2023, Dynamics and Co-movements Between the COVID-19 Outbreak and the Stock Market in Latin American Countries: An Evaluation Based on the Wavelet-Partial Wavelet Coherence Model, Tübitak, December 2023

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2023, The role of solar energy usage in environmental sustainability: Fresh evidence through time-frequency analyses, Tübitak, December 2023

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2023, Are research and development on energy efficiency and energy sources effective in the level of CO2 emissions? Fresh evidence from EU data, Tübitak, December 2023

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2023, Is ethanol production responsible for the increase in corn prices?, Tübitak, March 2023

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2023, Co-movements and causalities between ethanol production and corn prices in the USA: New evidence from wavelet transform analysis, Tübitak, March 2023

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2022, Export quality, economic growth, and renewable-nonrenewable energy use: non-linear evidence through regime shifts, Tübitak, October 2022

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2022, Residential solar energy consumption and greenhouse gas nexus: Evidence from Morlet wavelet transforms, Tübitak, October 2022

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2022, The nexus between access to electricity and CO2 damage in Asian Countries: The evidence from quantile regression models, Tübitak, August 2022

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2022, A wavelet-based model of world oil shocks interaction with CO2 emissions in the US, Tübitak, August 2022

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2022, The co-movements between geothermal energy usage and CO2 emissions through high and low frequency cycles, Tübitak, April 2022

Kuşkaya S., Frontiers in Environmental Science 2021 Editor Awards, Frontiers In Environmental Science, March 2022

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2022, Environmental pollution and energy research and development: an Environmental Kuznets Curve model through quantile simulation approach, Tübitak, January 2022

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2021, The roles of economic growth and health expenditure on CO2 emissions in selected Asian countries: A quantile regression model approach, Tübitak, December 2021

Kuşkaya S., Erciyes Üniversitesi Bilimsel Teşvik Ödülü, Erciyes Üniversitesi, December 2021

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2021, Is gold favourable to bitcoin during the COVID-19 outbreak? Comparative analysis through wavelet approach, Tübitak, December 2021

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2021, The role of hydropower energy in the level of CO2 emissions: An application of continuous wavelet transform, Tübitak, December 2021

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2021, The Age Structure, Stringency Policy, Income, and Spread of Coronavirus Disease 2019: Evidence From 209 Countries, Tübitak, July 2021

Kuşkaya S., Erciyes Üniversitesi Akademik Teşvik, Erciyes Üniversitesi, February 2021

Kuşkaya S., Akademik Başarı Ödülü, Erciyes Üniversitesi Adalet Meslek Yüksekokulu, January 2021

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2021, Estimation of the co-movements between biofuel production and food prices: A wavelet-based analysis, Tübitak, January 2021

Kuşkaya S., Erciyes Üniversitesi Bilimsel Teşvik Ödülü, Erciyes Üniversitesi, December 2020

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2020, Does waste energy usage mitigate the CO2 emissions? A time-frequency domain analysis, Tübitak, July 2020

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2020, The wind energy-greenhouse gas nexus: The wavelet-partial wavelet coherence model approach, Tübitak, June 2020

Kuşkaya S., Erciyes Üniversitesi Akademik Teşvik, Erciyes Üniversitesi, February 2020

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2019, A revisited renewable consumption-growth nexus: A continuous wavelet approach through disaggregated data, Tübitak, September 2019

Kuşkaya S., Çevre Vakfı 2018 Yılı Çevre Alanındaki En Başarılı Doktora Tezi Ödülleri, Çevre Vakfı, June 2019

Kuşkaya S., TÜBİTAK Yayın Teşvik Ödülü 2017, Can biomass energy be an efficient policy tool for sustainable development?, Tübitak, July 2017